

## CLAIM AMENDMENTS

1. (Currently amended) Sports shoe, comprising: a sole having downwardly projecting ground-engaging elements and ground engaging element mounting elements which are movable with respect to a shoe upper at all times only along an arc, wherein the ground-engaging elements or mounting elements provided for mounting the ground-engaging elements are guided to rotate along an arc which has a center of curvature that is located between the heel portion of the sole and the forefront a centerpoint of the shoe sole, at least one of the ground engaging elements rotating ahead of and at least one of the ground engaging elements rotating behind the centerpoint of the shoe around the center of curvature.
2. (Previously Presented) The sports shoe as defined in Claim 1, wherein the ground-engaging elements or the mounting elements provided for mounting the ground engaging elements, can be moved between a starting position and an end position.
3. (Previously Presented) The sports shoe as defined in Claim 1 wherein the ground-engaging elements, or the mounting elements, are provided on at least one support which is guided and held by a guide to move along the arc.
4. (Previously Presented) The sports shoe as defined in Claim 3, wherein the support can be moved between a starting position and an end position.
5. (Previously Presented) The sports shoe as defined in Claim 3 wherein the support is held undetachably by the guide.
6. (Withdrawn) The sports shoe as defined in claim 3 wherein the support is a slide.
7. (Withdrawn) The sports shoe as defined in claim 3 wherein the guide is an arc-shaped groove that matches the support.

8. (Withdrawn) The sports shoe as defined in claim 6, wherein the slide is shaped in the form of an arc of a circle.
9. (Withdrawn) The sports shoe as defined in claim 3, wherein at least two supports are provided, which are arranged in substantially concentric form and each of which is held and slidably guided by a separate guide means.
10. (Withdrawn) The sports shoe as defined in Claim 9, wherein at least one support is arranged in the region of the forefoot, and at least one support is arranged in the region of the heel.
11. (Withdrawn) The sports shoe as defined in claim wherein the guide is closed on both ends thereof so that the path of movement of the supports is limited.
12. (Withdrawn) The sports shoe as defined in claim 3, wherein the guide is open on at least one end so that the respective support can move a certain length out of its guide.
13. (Withdrawn) The sports shoe as defined in Claim 12, further comprising a stop which acts between the support and its guide and against which the support abuts in order to limit the length by which the support can move out of the guide.
14. (Withdrawn) The sports shoe as defined in Claim 11, wherein, the support has a starting position in which it ends flush with the edge of the sole.
15. (Withdrawn) The sports shoe as defined in Claim 14, wherein the support is a slide which is adapted to slide in the guide and which in its starting position ends flush with and closes the opening of the groove through which the support can be pushed out beyond the edge of the sole.
16. (Withdrawn) The sports shoe as defined in claim 3, wherein the support is shorter than the guide in which the support is received.
17. (Withdrawn) The sports shoe as defined in Claim 16, wherein the guide coacts with a return spring that is capable of returning the support to a starting position.

18. (Withdrawn) The sports shoe as defined in Claim 17, wherein the return spring is arranged in such a way that it embraces the center point of the arc of a circle.
19. (Withdrawn) The sports shoe as defined in claim 3, wherein a positive connection exists between the support and the respective guide, by means of which it is retained in or on the guide during displacement along the guide.
20. (Withdrawn) The sports shoe as defined in Claim 19, wherein the guide is undercut along longitudinal edges and that the respective support engages the undercut.
21. (Withdrawn) The sports shoe as defined in Claim 20, wherein the support has a stepped design, matching the undercuts of the guide.
22. (Withdrawn) The sports shoe as defined in claim 19, wherein the support and the guide engage each other in the way of a groove-and-tongue connection.
23. (Previously Presented) The sports shoe as defined in claim 3 wherein the support is made from a plastic material.
24. (Previously Presented) The sports shoe as defined in Claim 23, wherein the support is made from a plastic material having the same or similar properties as the sole of the sports shoe.
25. (Previously Presented) The sports shoe as defined in claim 3 wherein the support is mounted on the shoe detachably.
26. (Previously Presented) The sports shoe as defined in Claim 25, wherein the support is mounted on the sole of the sports shoe at its center of rotation which coincides with the center point of the arc-shaped path of movement of the support.
27. (Previously Presented) The sports shoe as defined in Claim 25, wherein the support is provided on a holder which is detachably mounted on the sports shoe.

29. (Withdrawn) The sports shoe as defined in Claim 27, wherein the holder can be fastened on the sports shoe by buckles.
30. (Withdrawn) The sports shoe as defined in Claim 27, wherein the holder comprises a receiver shoe on which the sports shoe can be placed and firmly locked by application of pressure from above.
31. (Withdrawn) Sports shoe, comprising a sole which is provided with, or is adapted for receiving, downwardly projecting, ground-engaging elements, mounting elements for mounting the ground engaging elements the ground-engaging elements, or the mounting elements, are provided on at least one arc-shaped slide which is undetachably held in a matching arc-shaped groove to slide between a starting position and an end position.
32. (Withdrawn) The sports shoe as defined in Claim 31, further comprising at least two supports arranged in substantially concentric form and each said support is held in a separate groove in sliding relationship.
33. (Withdrawn) The sports shoe as defined in Claim 32, wherein at least one slide is arranged in the region of the forefoot, and at least one slide is arranged in the region of the heel.
34. (Withdrawn) The sports shoe as defined in claim 31, wherein the grooves are closed on both ends.
35. (Withdrawn) The sports shoe as defined in claim 31, wherein the grooves are open on one of their ends so that the respective slide can move a certain length out of its groove.
36. (Withdrawn) The sports shoe as defined in Claim 35, further comprising a stop between the respective slide and its groove against which the slide abuts in order to limit the length by which the slide can move out of the groove.

37. (Withdrawn) The sports shoe as defined in Claim 35, wherein the starting position the respective slide ends flush with and closes the opening of the groove through which the slide can be pushed out beyond the edge of the sole.
38. (Withdrawn) The sports shoe as defined in claim 31, wherein the respective slide is shorter than the groove in which it is received.
39. (Withdrawn) The sports shoe as defined in Claim 38, further comprising a return spring arranged in each groove, said spring is adapted to return the respective slide to its starting position.
40. (Withdrawn) The sports shoe as defined in claim 31, wherein a positive connection exists between the groove and the slide, by which the slide is retained in the groove during displacement in it.
41. (Withdrawn) The sports shoe as defined in Claim 40, wherein the grooves are undercut along their longitudinal edges and that the respective slide engages the undercut.
42. (Withdrawn) The sports shoe as defined in Claim 41, the slide is stepped to match the undercuts of the groove.
43. (Withdrawn) The sports shoe as defined in claim 40, wherein the slide and the groove engage each other in the way of a groove-and-tongue connection.
44. (Currently Amended) The sports shoe as defined in claim 3, wherein ~~a slide~~the guide is made from a plastic material.
45. (Currently Amended) The sports shoe as defined in Claim 44 wherein ~~a slide~~the guide comprises a plastic material having the same or similar properties as the remaining sole of the sports shoe.
46. (Previously Presented) The sports shoe as defined in Claim 1 wherein the ground-engaging elements (9), or the mounting elements coact with a return spring.

47. (Previously Presented) The sports shoe as defined in Claim 46, wherein the return spring is arranged in such a way that it embraces the center point of the arc of a circle.

48. (Previously Presented) The sports shoe as defined in claim 1, wherein the center of curvature of the arc is located in front of the heel or heel portion of the sports shoe.

49. (Previously Presented) The sports shoe as defined in Claim 48, wherein the center of curvature of the arc is located between the heel or heel portion and the forefoot portion of the sports shoe.

50. (Previously Presented) The sports shoe as defined in Claim 48, wherein the center of curvature of the arc is located between the heel or heel portion and the metatarsal portion of the sports shoe.

51. (Previously Presented) The sports shoe as defined in Claim 48, wherein the center of curvature of the arc is located at a point where the arch of the sole of the foot has its zenith.

52. (Previously Presented) The sports shoe as defined in Claim 3, further comprising a common support for all engaging elements outside the heel portion.

53. (Previously Presented) The sports shoe as defined in Claim 3, further comprising a common support for all engaging elements within the heel portion.

54. (Previously Presented) The sports shoe as defined in Claims 52, wherein the support has a common pivot axis.

55. (Previously Presented) The sports shoe as defined in Claim 54, wherein the support is arranged on the common pivot axis.

56. (Previously Presented) The sports shoe as defined in Claim 55, the support forms a single unit.

57. ( New) A sports shoe, comprising: a sole having downwardly projecting ground engaging elements, at least two arc shaped mounting elements to which the downwardly projecting elements are attached, the mounting elements movable around at least two different centers of curvatures, the mounting elements and ground engaging elements being movable with respect to a shoe upper at all times.

58. (New) A sports shoe, comprising: a sole having downwardly projecting ground engaging elements and at least one ground engaging mounting element which is movable with respect to a shoe upper only in an arc having a center of curvature, some of the ground engaging elements and mounting elements rotating ahead of and some of the ground engaging elements and mounting elements rotating behind a center point of the shoe.

59. (New) A sports shoe according to claim 58, the shoe sole having three sections longitudinally, a front, a middle, and a rear, each of the three sections having an approximately equal longitudinal extent, wherein the center of curvature is located in the middle section.

60. (New) Sports shoe according to claim 58, further comprising at least a first and a second ground engaging mounting element, the first ground engaging mounting element having a center of curvature different than the second ground engaging mounting element.

61. (New) Sports shoe according to claim 57, further comprising a metatarsal portion of the sole, wherein the center of curvature is located between the heel portion and the metatarsal portion.

62. (New) Sports shoe according to claim 57, a portion of the mounting elements being movable such that at least a portion of the movable elements extends beyond an outer edge of the shoe sole.

63. (New) Sports shoe, comprising: a sole having downwardly projecting ground-engaging elements which are movable with respect to a shoe upper only along an arc, wherein at least one ground-engaging element is a forefoot ground-engaging element that is arranged in the forefoot portion of the shoe and at least one ground-engaging element is a heel ground-engaging element that is arranged in the heel portion of the shoe, wherein the ground-engaging elements are guided to rotate along at least one arc which has a center of

curvature that is located between the forefoot portion of the shoe and the heel portion of the shoe such that all forefoot ground-engaging elements are always on one side of the center and all heel ground-engaging elements are always on the other side of the center.

64. (New) Sports shoe, comprising: a sole having mounting elements for mounting downwardly projecting ground-engaging elements, said mounting elements being movable with respect to a shoe upper only along an arc, wherein at least one mounting element is a forefoot mounting element that is arranged in the forefoot portion of the shoe and at least one mounting element is a heel mounting element that is arranged in the heel portion of the shoe, wherein the mounting elements are guided to rotate along at least one arc which has a center of curvature that is located between the forefoot portion of the shoe and the heel portion of the shoe such that all forefoot mounting elements are always on one side of the center and all heel mounting elements are always on the other side of the center.

65. (New) Sports shoe according to claim 63, wherein all arcs have the same center of curvature.

66. (New) Sports shoe according to claim 64, wherein all arcs have the same center of curvature.